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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.		5. PROJ	ECT NO.(If applicable)
0001	14-May-2004	W81F8E-4058-2120			
6. ISSUED BY CODE	W91237	7. ADMINISTERED BY (If other than item 6)		CODE	
USACE, CONTRACTING DIVISION CONNIE G. CONLEY, 502 8TH STREET HUNTINGTON WV 25701-2070		See Item 6		_	
8. NAME AND ADDRESS OF CONTRACTOR	(No., Street, County, St	ate and Zip Code)	Τx	9A. AMENDMENT OF	SOLICITATION NO.
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CODE	FACILITY COL	)F	+	10B. DATED (SEE ITE	M 13)
		APPLIES TO AMENDMENTS OF SOLI	CITA	ATIONS	
X The above numbered solicitation is amended as set fort	h in Item 14. The hour and date	e specified for receipt of Offer	$\overline{\Gamma}$	is extended, X is not	extended.
(a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes a r RECEIVED AT THE PLACE DESIGNATED FOR T REJECTION OF YOUR OFFER. If by virtue of this a provided each telegram or letter makes reference to the 12. ACCOUNTING AND APPROPRIATION D	eference to the solicitation and a HE RECEIPT OF OFFERS PRI unendment you desire to change e solicitation and this amendmen	OR TO THE HOUR AND DATE SPECIFIED MAY e an offer already submitted, such change may be ma	OWLE RES	DGMENT TO BE ULT IN relegram or letter,	
		TO MODIFICATIONS OF CONTRACT			
A. THIS CHANGE ORDER IS ISSUED PUR CONTRACT ORDER NO. IN ITEM 10A	SUANT TO: (Specify au	ACT/ORDER NO. AS DESCRIBED IN 11 uthority) THE CHANGES SET FORTH IN			E
B. THE ABOVE NUMBERED CONTRACT		TO REFLECT THE ADMINISTRATIVE ANT TO THE AUTHORITY OF FAR 43.			ı paying
C. THIS SUPPLEMENTAL AGREEMENT					
D. OTHER (Specify type of modification and	authority)			····	
E. IMPORTANT: Contractor is not,	is required to si	gn this document and return	со	pies to the issuing office.	Will the literature of the state of the stat
<ul> <li>14. DESCRIPTION OF AMENDMENT/MODIL where feasible.)</li> <li>The Plans and Specifications accompanyi are hereby revised as indicated on the end Encls</li> <li>Bidding Schedule</li> <li>Bidders Questions and Answers and Transport of Transport o</li></ul>	ng IFB No. W91237-04- closed pages.	-B-007, for Town of Martin Phase 1A R			entucky
Except as provided herein, all terms and conditions of the do		or 10A, as heretofore changed, remains unchanged at 16A. NAME AND TITLE OF CO		<del></del>	or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNE		RICA	CIVIAIL.	16C. DATE SIGNED
		BY			
(Signature of person authorized to sign)		(Signature of Contracting Of	ficer)		11-May-2004

#### BID SCHEDULE

1. Bid Schedule Pages 1 through 4. These pages are deleted in their entirety and new revised pages are substituted. Page 1: changed Bid Item No. 8 to 3750 Ton; changed Bid Item 10 to 1270 Ton; changed Bid Item 11 to 2000 Ton; changed Bid Item 12 to 3060 L.F. Page 2: deleted Bid Item No. 23; Item 38 - changed "Under 30' long" to "Under 20' long"; changed Bid Item 42 to 1210 L.F.; changed Bid Item 43 to 1600 L.F. Page 3: changed Bid Item 44 to 11 EA.; changed Bid Item 45 to 632 L.F.; changed Bid Item 46 to 175 L.F.; changed Bid Item 53 Title to Drop Box Inlet Type 13 G & 13 S and quantity to 11 EA. Page 4: changed Bid Item 70 to 9 C.Y.; added Bid Items 73, 74, 75, 76, 77 and 78.

## SPECIFICATIONS

## SECTION 00100 - INSTRUCTIONS, CONDITIONS, AND NOTICES TO BIDDERS

2. Page 00100-5. Reference Paragraph 52.214-6, "Explanation to Prospective Bidders" Append the Bidders Questions and Answers to the end of this section. They are enclosed as Enclosure No. 2.

#### SECTION 01500 - TEMPORARY CONSTRUCTION FACILITIES

- 3. <u>Page 4, Paragraph 1.6.1</u>. In the second line of the paragraph, delete "within the construction area at the project site", and insert "in Martin between the Redevelopment Site and Spoil Area, unless otherwise approved by the Contracting Officer".
- 4. <u>Page 5, Paragraph 1.8</u>. After the second sentence on line 3, insert the following sentence, "The Contractor will be required to keep KY-1428 clean and free of dirt, dust, rock, mud, and other debris continuously throughout the duration of the construction contract."

### SECTION 01780 - CLOSEOUT SUBMITTALS

5. <u>Page 2, Paragraph 1.2.1.1</u>. In the third line change "at the preconstruction conference" to "to the Contractor upon request".

## SECTION 02230 - ROAD CONSTRUCTION

6. Page 10, Paragraph 3.18.17. This paragraph is deleted in its entirety. The Typical Redevelopment Site Road Section on Sheet C-116 has been deleted; therefore, payment for roadway work at the redevelopment site will be in accordance with the new details on Sheet No. C-120.

# SECTION 02300 - EARTHWORK

7. Page 13, paragraph 3.3. After the first sentence delete the rest of the paragraph and add the following: "All materials excavated, except coal, shall be placed in the designated spoil area as approved by the Contracting Officer. Coal shall be salvaged for the benefit of the Contractor or disposed or disposed of offsite. It is expected that a significant amount of coal may be encountered. See Contract Drawings B-105 through B-128. However, there is no warranty or guarantee as to the amount of coal that may be encountered. The Contractor shall make its own

independent determination of the amount and value of coal that may be encountered and salvaged. The Contractor may not stockpile coal at the project site longer than 14 days without written approval of the Contracting Officer. The Contractor shall comply with all applicable federal, state, and local laws and regulations in the disposal or salvaging of the coal."

#### SECTION 02316 - EXCAVATION

- 8. Page 7, paragraph 3.1.5. After the second sentence of the second paragraph add the following: "All Individual Blasting Plans shall be submitted and APPROVED by the Contracting Officer prior to drilling each shot. To allow adequate time for Government review, each individual blast plan shall be submitted at least two days prior to the shot."
- 9. Page 8, paragraph 3.1.7. After the third sentence of the second paragraph add the following: "ANFO will not be allowed to be used on the project."
- 10. Page 13, paragraph 3.3. After the second sentence delete the rest of the paragraph and add the following: "All materials excavated, except coal, shall be placed in the designated spoil area as approved by the Contracting Officer. Coal shall be salvaged for the benefit of the Contractor or disposed or disposed of offsite. It is expected that a significant amount of coal may be encountered. See Contract Drawings B-105 through B-128. However, there is no warranty or guarantee as to the amount of coal that may be encountered. The Contractor shall make its own independent determination of the amount and value of coal that may be encountered and salvaged. The Contractor may not stockpile coal at the project site longer than 14 days without written approval of the Contracting Officer. The Contractor shall comply with all applicable federal, state, and local laws and regulations in the disposal or salvaging of the coal."
- 11. Page 16, paragraph 3.4.7.5. After third sentence add "The videos shall be submitted in electronic format on compact disk. The format shall be compatible with Windows Media Player."
- 12. Page 22, Paragraph 3.10.2. Remove "including the additional excavation at Stations 8+62 and 10+30" after the word "drawings," in the second sentence.

### SECTION 02317 - SPOIL SITE EARTHWORK

13. Page 6, Paragraph 3.2.2. The sixth sentence will be deleted and replaced with the following: "High-plasticity clays, topsoil, and grubbed material such as stumps shall be placed within the CWL between stations 0+00 and 2+00. This material must be mounded to reasonably stable slopes."

# SECTION 02318 - SEDIMENT POND

14. Page 21, Paragraph 3.15. The first sentence will be deleted and replaced with the following: "The Contractor shall regularly maintain the sediment pond throughout the duration of all earthwork activities at the spoil site to ensure that accumulated sediment materials are maintained below elevation 645."

#### SECTION 02510 - WATER DISTRIBUTION

- 15. Page 10. After paragraph 2.6.3, add the following paragraph:
  - "2.6.4 Fire Hydrants

All fire hydrants shall be post type made of cast iron and shall conform in all respects to the American Water Works Association Standards for Ordinary Water Works Service," AWWA C502."

- 16. Page 15. After paragraph 3.1.7.2, add the following paragraph:
  - "3.1.7.3 Fire Hydrants

Hydrants shall be located as shown on the plans. The location shall provide complete accessibility and minimize the possibility of damage from vehicles or pedestrians. When placed behind the curb, the hydrant barrel shall be set so that no portion of the pumper or hose nozzle cap will be less than 12 inches from the gutter face of the curb. Hydrants shall be set to the established grade, with nozzles 12 inches above the ground. Unless otherwise shown, each hydrant shall be connected to the main with a 6-inch branch connection controlled by an independent 6-inch gate valve."

- 17. Page 17, Paragraph 3.5.2. After paragraph 3.5.2, add the following paragraphs:
  - "3.5.3 Fire Hydrants

Payment for all costs in connection with furnishing and installing the fire hydrants, as shown on the drawings, will be made at the contract unit price for each "fire hydrant," which price shall include all excavation, jointing, blocking, backfilling and all other incidental work necessary to complete this item of work."

3.5.4 Water Service Taps

Payment for all costs necessary to furnish and install water service taps complete and ready for use where shown on the drawings will be made at the contract unit price for each "water service tap," which shall include all excavation, pipe, tapping saddle, valves, fittings, backfilling, location marker and all other incidental work necessary to complete the work."

# SECTION 02531 - SANITARY SEWERS

- 18. Page 15. After paragraph 3.3.4, add the following paragraphs:
  - "3.3.5 Sanitary Sewer Service Taps

Payment for all costs in connection with furnishing and installing the sanitary sewer service taps, as shown on the drawings, will be made at the contract unit price for each

"sanitary sewer service tap," which shall include all excavation, piping, wye, location marker, backfilling and all other incidental work necessary to complete this item of work."

#### SECTION 02630 - STORM DRAINAGE

19. <u>Page 5</u>. After paragraph 2.2.2, add the following paragraph and renumber the paragraphs accordingly:

#### "2.2.3 Drop Box Inlet Type 11

Materials for Drop Box 11 including grating shall be in accordance with Section 710 of the Kentucky Transportation Cabinet Department of Highways Standard Specifications for Road and Bridge Construction, 2004 Edition and Standard Drawing No. RDM-011-07."

- 20. Page 5, Paragraph 2.2.4. Add "and 13S" to the paragraph title. Also add "and 13S" after "Type 13G" in the first and second sentences.
- 21. <u>Page 5</u>. After paragraph 2.2.4, add the following paragraph and renumber the paragraphs accordingly:

#### "2.2.5 Manhole Type B

Materials for Manhole Type B shall be in accordance with Section 710 of the Kentucky Transportation Cabinet Department of Highways Standard Specifications for Road and Bridge Construction, 2004 Edition and Standard Drawing No. RDM-005-05. Frame and lid shall be in accordance with Kentucky Cabinet Transportation Standard Drawing No. RDM-105-022 unless noted otherwise."

22. Page 7. After paragraph 3.4.2, add the following paragraph and renumber the paragraphs accordingly:

#### "3.4.3 Drop Box Inlet Type 11

Drop Box Inlet Type 11 shall be constructed in the locations and to the elevations shown on the drawings and in accordance with Section 710 of the Kentucky Transportation Cabinet Department of Highways Standard Specifications for Road and Bridge Construction, 2004 Edition and Standard Drawing No. RDM-011-07."

23. <u>Page 7</u>. After paragraph 3.4.4, add the following paragraph and renumber the paragraphs accordingly:

#### "3.4.5 Manhole Type B

Manhole Type B shall be constructed in the locations and to the elevations shown on the drawings and in accordance with Section 710 of the Kentucky Transportation Cabinet Department of Highways Standard Specifications for Road and Bridge Construction, 2004 Edition and Standard Drawing No. RDM-005-05. Frames and grates shall be installed per the manufacturer's recommendations."

- 24. Page 6, Paragraph 3.4.4. Add "and 13S" to the paragraph title. Also add "and 13S" after "Type 13G" in the first sentence.
- 25. <u>Page 8</u>. After paragraph 3.12.2.2, add the following paragraph and renumber the paragraphs accordingly:

"3.12.2.3 Drop Box Type 11

Drop Box Inlet Type 11 shall be measured per each unit installed in accordance with Section 710.04 of the Kentucky Transportation Cabinet Department of Highways Standard Specifications for Road and Bridge Construction, 2004 Edition and Standard Drawing No. RDM-011-7. Payment shall be made at the contract unit bid price for each "Drop Box Inlet Type 11" in accordance with Section 710.05 of the aforementioned Standard Specifications and shall include all materials including concrete and steel reinforcement, labor, construction methods, equipment, and incidentals required for construction of each inlet in the locations and at the elevations shown on the drawings."

- 26. Page 8 and 9, Paragraph 3.12.2.4. Add "and 13S" to the paragraph title. Also add "and 13S" in the second sentence after Inlet Type 13G.
- 27. <u>Page 9</u>. After paragraph 3.12.2.4, add the following paragraph and renumber the paragraphs accordingly:

## "3.12.2.5 Manhole Type B

Manhole Type B shall be measured per each unit installed in accordance with Section 710.04 of the Kentucky Transportation Cabinet Department of Highways Standard Specifications for Road and Bridge Construction, 2004 Edition and Standard Drawing No. RDM-011-7. Payment shall be made at the contract unit bid price for each "Drop Box Inlet Type 11" in accordance with Section 710.05 of the aforementioned Standard Specifications and shall include all materials including concrete and steel reinforcement, labor, construction methods, equipment, and incidentals required for construction of each manhole in the locations and at the elevations shown on the drawings."

### DRAWINGS

- 28. The following drawing is hereby included for informational purposes only and is enclosed as Enclosure No. 3:
  - A. <u>Clearing-1.pdf</u>. For informational purposes only drawing providing detail on the clearing. (11x17 Drawing)

- 29. The following drawings are hereby revised to indicate the following changes and are enclosed as Enclosure No. 4:
  - A. Sheet No. C-109. Added the following notes, modified the site plan and location of the sanitary tie-in location from S1 to S2.
  - "Note 8 For redevelopment site utilities see sheets C-119 thru C-123.
  - Note 9 Contractor shall coordinate new water line installation and removal with Water Company. Water line removal shall coincide with installation so as to only require one water line shutdown."
  - B. Sheet No. C-110. "Manhole S1 Lower Plan" modified which changed the location of the future sanitary tie-in from Manhole S1 to S2.
  - C. <u>Sheet No. C-116</u>. Referenced in the new roadway and removed the "Typical Redevelopment Site Road Section."
  - D. <u>Sheet Nos. C-117 through C-123</u>. Added the new redevelopment site roadway plan and utility drawings.
  - E. Sheet No. C-207. Changed Note 8 to reflect a maintained sediment level between elevation 641 and elevation 645.
  - F. Sheet No. C-208. Deleted the bottom two rows of perforated holes in the Riser Pipe Foundation detail.
  - G. Sheet No. S-103. Added two notes immediately following "Anchor Testing, Intermediate Load Sequencing, Lockoff Procedures and Wall Monitoring".
  - H. Sheet Nos. B-116 and B-117. Soil boring information has been updated to include additional laboratory information.

## BIDDING SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	(\$) UNIT PRICE	(\$) ESTIMATED AMOUNT
1.	Reimbursement of Actual Cost of Performance and Payment Bonds for Bids in Excess of \$100,000	1	Job	Sum (not to exceed)	THMOON
2.	Mobilization and Preparatory Work	1	Job	Sum	
3.	Environment Protection	1	Job	Sum	
4.	Installing Project Identification and Safety Performance Signs	1	EA		
5.	Record "As-Built" Documents	1	Job	Sum	
6.	Demolition	1	Job	Sum	
7.	Geotextile Fabric - Type III	3,200	SY		
8.	Dense Graded Aggregate*	3,750	TON		
9.	Class 2 Asphalt Surface 0.38D PG64-22	310	TON		
10.	Class 2 Asphalt Binder 0.50D PG64-22*	1,270	TON		
11.	Class 2 Asphalt Surface 1.00D PG64-22*	2,000	TON		
12.	Standard Curb and Gutter*	3,060	LF		
13.	Right of Way Markers	7	Each		
14.	Signs	54	SF		
15.	Edge Key	98	LF		
16.	Maintenance of Traffic	1	Job		
17.	Asphalt Pavement Milling and Texturing	16	TON		
18.	Sidewalk	790	SY		
19.	Pavement Striping	1	Job	Sum	
20.	Pavement Markings	1	Job	Sum	
21.	Emulsified Asphalt RS-2	1	TON		

## BIDDING SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	(\$) UNIT PRICE	(\$) ESTIMATED AMOUNT
22.	Asphalt Seal Aggregate	6	TON		
23.	Not Used*	0	TON		
24.	Clearing and Grubbing	1	Job	Sum	
25.	Select Fill	30,000	CY		
26.	Common Excavation	25,500	CY		
27.	Select Granular Backfill	10,300	CY		
28.	Rock Excavation, Structures	17,000	CY		
29.	Structure Drainage Pipe	1,000	LF		
30.	Rock Excavation	787,000	CY		
31.	Pre-splitting	86,400	LF		
32.	Perforated Pipe, Size 24-inch	1,600	LF		
33.	Spoil Site Preparation	1	Job	Sum	
34.	Sediment Pond	1	Job	Sum	
35.	MSE Retaining Wall System	22,650	SF		
36.	H-Piles, Driven	9,900	LF		
37.	Prebored Holes	2,295	LF		
38.	Rock Anchors, Under 20' long*	8	EA		
39.	Rock Anchors, 20' to 39.9' long	23	EA		
40.	Rock Anchors, 40' to 60' long	38	EA		
41.	Rock Anchors, Over 60' long	4	EA		
42.	Water Line, 6-inch*	1,210	LF		
43.	Sanitary Sewer, 8-inch*	1,600	LF		

## BIDDING SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	(\$) UNIT PRICE	(\$) ESTIMATED AMOUNT
44.	Sanitary Manholes*	11	EA		
45.	Storm Sewer, 12-inch*	632	LF		
46.	Storm Sewer, 15-inch*	175	LF		
47.	Storm Sewer, 30-inch	306	LF		
48.	Storm Sewer, 36-inch	14	LF		
49.	Storm Sewer, 42-inch	279	LF		
50.	Drop Box Inlet Type 1	1	EA		
51.	Drop Box Inlet Type 2	4	EA		
52.	Drop Box Inlet Type 12A	68	LF		
53.	Drop Box Inlet Type 13G & 13S*	11	EA		
54.	Manhole, Type C	4	EA		
55.	Junction Box	1	EA		
56.	Metal End Section Type 2	2	EA		
57.	Paved Ditch Type 1	144	SY		
58.	Channel Lining Type 1A	195	TON		
59.	Stone Riprap for Scour Basin	250	TON		
60.	Capping Inlet	1	EA		
61.	Bollards	52	EA		
62.	Permanent Seeding	23	AC		
63.	Temporary Seeding	3	AC		
64.	Landscape Planting	1	Job	Sum	
65.	Sod	282	SY		

## BIDDING SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	(\$) UNIT PRICE	(\$) ESTIMATED AMOUNT
66.	Reinforcing Steel, Foundation	74,500	LB		
67.	Reinforcing Steel, Barrier Wall	157,400	LB		
68.	Concrete, Foundation	1,285	CY		
69.	Concrete, Barrier Wall	435	CY		
70.	Concrete, Headwall*	9	CY		
71.	Handrails	865	LF		
72.	Electrical, Lighting	1	Job	Sum	
73.	Fire Hydrants*	3	EA		
74.	Water Service Taps*	6	EA		
75.	Sanitary Service Taps*	6	EA		
76.	Storm Sewer, 18-inch*	385	LF		
77.	Drop Box Inlet Type 11*	2	EA		
78.	Manhole, Type B*	2	EA		

Total, Items 1 through 78

7 May 2004

# TOWN OF MARTIN PHASE 1A REDEVELOPMENT SITE, MARTIN, KY

## IFB No. W91237-04-B-0007

### TO ALL HOLDERS OF BID DOCUMENTS:

The following are responses to questions received from bidders.

QUESTION 1: A contractor is currently clearing and working on the site. Can you explain what work is actually being completed by the contractor?

ANSWER: The contractor is clearing 10.66 acres at the site. Tree Stumps are not being removed. Drawing "Clearing-1.dgn" is attached showing the limits of the area that will be cleared prior to award of this contract.

QUESTION 2: A contractor is currently clearing and working on the site. So what do we base our price on?

ANSWER: The area shown on Drawing "Clearing-1.dgn" is only being cleared; grubbing of this area will have to be completed under this contract. There are other areas requiring clearing and grubbing within the CWL for this contract. Your price should be based on the contract specifications for clearing and grubbing as it applies to all these areas.

**QUESTION 3:** A contractor is currently clearing and working on the site. Is the contractor supposed to cut flush to the ground?

ANSWER: The contractor is cutting the trees as reasonably close to the ground as possible.

QUESTION 4: There is a major power line at the redevelopment site. Is the Government going to take care of paying the cost and we just have to coordinate with utilities?

ANSWER: Electrical Power will be relocated off-site prior to the issuance of a Notice to Proceed.

QUESTION 5: Who will relocate the water line?

ANSWER: The relocation of the waterline as shown on the plans is the responsibility of the Contractor. The Contractor shall coordinate with the City of Martin Water Works concerning the disconnection of the existing facilities and the connection of the relocated facilities. The existing

waterline facilities to be relocated / abandoned may be removed by the Contractor during project excavations.

QUESTION 6: Can the safety officer have additional duties.

ANSWER: The Safety Officer shall have no other duties.

QUESTION 7: Does the Government anticipate restricting drilling during night?

ANSWER: The Contractor may drill at night.

**QUESTION 8:** Section 1355 states that the contractor is required to get all permits, is the contractor responsible for the 404 permit?

<u>ANSWER</u>: The contractor is not responsible for the 404 permit. The Corps is responsible for compliance with Section 404 of the Clean Water Act, but a 404 permit will not be acquired. However, the Corps has obtained KY Water Quality Certification, pursuant to Section 401 of the Clean Water Act.

QUESTION 9: Traffic control through the town can be a problem. Will the stone be enough to keep the trucks tires clean? Will we clean the roads continuously or will we not be allowed to get on the road unless it is dry?

ANSWER: The stone will not be enough to keep the truck tires clean. It is only a means to help remove large clumps and will need to be changed regularly to be effective. However, the Contractor will be required to keep KY-1428 clean and free of dirt, dust, rock, mud, and other debris continuously throughout the duration of the construction. The Contractor may haul at any time allowed within the specified hauling restrictions.

QUESTION 10: Are they going to allow parking on both sides of the road?

ANSWER: The City has agreed to remove all on-street parking along KY-1428 via ordinance prior to the issuance of a Notice to Proceed.

**QUESTION 11:** The specifications mention an onsite office. Is this mandatory? Can we rent something locally?

 $\underline{\mathtt{ANSWER}}$ : The Contractor's On-site Office shall be located in Martin between the Redevelopment Site and Spoil Area, unless otherwise approved by the Contracting Officer.

QUESTION 12: CADD as-built drawings are specified in section 1780. Do you want us to keep a set of all drawings through out the job? If so, when do you want these transferred?

ANSWER: Working As-built Drawings shall be redlined paper drawings. Final As-built Drawings shall be transferred to electronic Microstation DGN files upon project completion. The original contract Microstation DGN files will be provided to the Contractor upon request.

QUESTION 13: Do you have an area where we can bury stumps?

ANSWER: Stumps can be stockpiled and/or buried at the Spoil Area within the CWL and between Stations 0+25 and 2+00. Stumps shall be placed at least to the final grade of the spoil area and sloped to provide positive drainage.

QUESTION 14: The definition of the biggest excavation pay item is called rock excavation and it defines that area as above elevation 707 even though there is soil and whatever else. Does that quantity cover all excavation? Even though it has the word rock on it; is it going to include payment for everything above elevation 707?

ANSWER: All Excavation above Elevation 707.0' shall be paid under the Rock Excavation Pay Item.

**QUESTION 15:** The coal that you encounter within the excavation, it talks about the contractor salvaging. Is the coal the contractor's property?

ANSWER: YES.

QUESTION 16: Under blasting you got a requirement to video each blast from 2 directions. How are we supposed to submit this video?

ANSWER: The videos shall be submitted in electronic format on compact disk. The format shall be compatible with Windows Media Player. Generally, videos shall be submitted weekly, however, daily submission will be required upon request of the Contracting Officer should any problems occur with the blasting.

QUESTION 17: On blasting specialists, is that presumed to be the blaster?

ANSWER: Yes, the blasting specialist is the on-site licensed blaster directly in charge of all blasting operations.

QUESTION 18: The blasting consultant, does he have to be there daily?

ANSWER: No, Only as required in the Specifications.

QUESTION 19: What about bulk ANFO? It is not clear about the bulk ANFO?

ANSWER: No ANFO will be allowed to be used on this Project.

**QUESTION** 20: Do you still expect for every single shot a blasting plan to be submitted before the shot is initiated?

ANSWER: Yes, all Individual Blasting Plans shall be submitted and APPROVED by the Contracting Officer prior to each shot. To allow for adequate time for Government review, individual blast plans shall be submitted at least two days prior to the planned shot.

QUESTION 21: Do you want both the monthly estimates and final on 3D?

ANSWER: Monthly Quantity Estimates for the Rock Excavation Pay Item may be calculated by survey and double end area computations. However, the Final Quantity Estimate shall be by survey and digital terrain model in Microstation / InRoads compatible format.

QUESTION 22: For the MSE walls you have a pay item for select backfill. Why didn't you use the same spec for both the MSE wall and the internal MSE soil backfill? Why are you asking for a high quality material behind it and then go to a low quality material inside it?

ANSWER: The different backfill material was selected by the designer to lower the active earth pressure exerted on the wall.

QUESTION 23: For the MSE wall under Section 2333 Section 3.1 it appears you want a professional engineer on site at all times to do the compaction testing? Are we supposed to hire an independent firm to be there full time during the MSE wall construction that's supposed to work at your direction? Can that be handled with our QC staff?

ANSWER: A Professional Engineer (PE) is not required at all times during compaction of the backfill. The required field representative may be a PE or certified technician that works under the direction of a PE. Typically, this is someone from the Contractor's testing laboratory who is part of the Contractor's QC staff. All QC personnel work for the Contractor, not at the direction of the government.

QUESTION 24: For pay items below elevation 707 even though it says common and rock for structures, it is paid under the common excavation or rock excavation for structures. Is the other rock excavation item strictly everything above elevation 707?

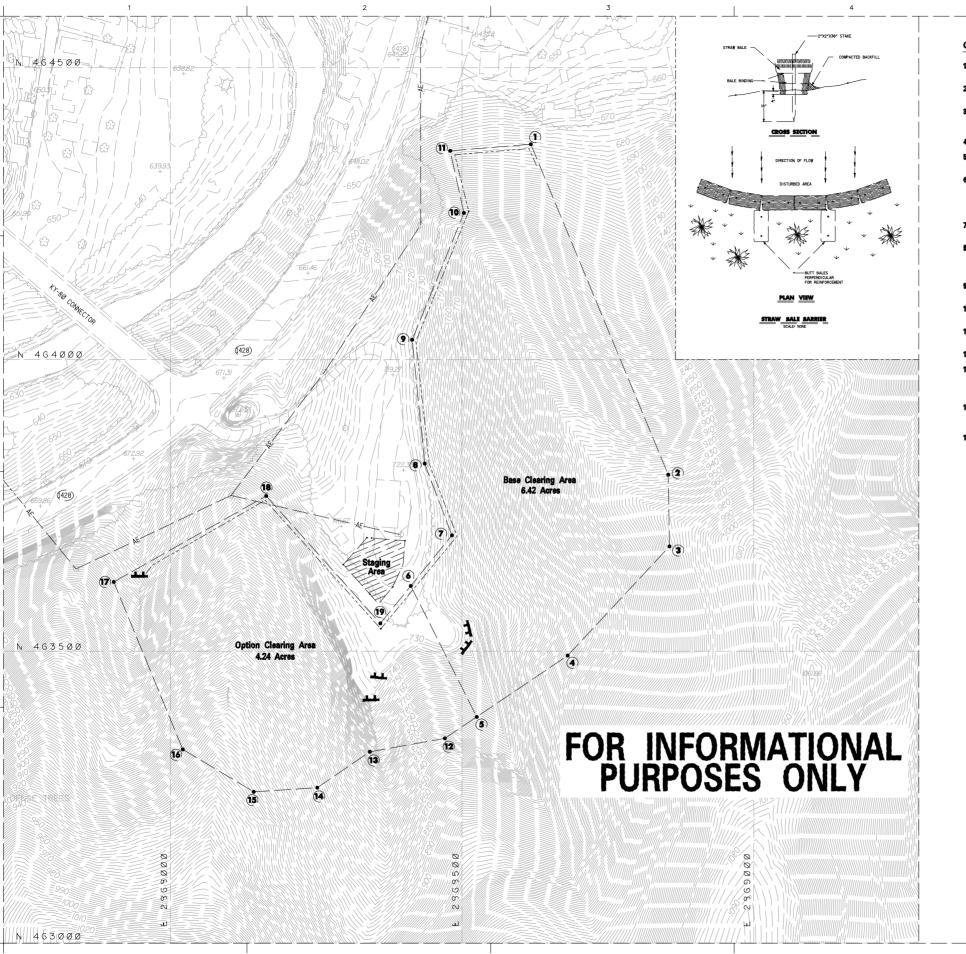
<u>ANSWER</u>: Yes. However, the cost of any excavation below Elevation 707.0' that is required for a utility shall be included in the unit bid price for that particular utility.

QUESTION 25: Is the spoil site mandatory?

ANSWER: YES.

QUESTION 26: There is a preference clause for hub zone contractors with a percentage but no percentage for small disadvantaged businesses. Is there a percentage that will be added to small disadvantaged business? There was a preference clause for hub zone contractors and it referred to small disadvantaged businesses but it did not give a percentage to be added to the bids for small disadvantaged businesses.

ANSWER: The referenced clause is 52.219-23, which is not included in this solicitation. A mandate was issued on February 24, 2004 that all DOD contracting activities shall suspend the use of this price evaluation adjustment for small disadvantaged businesses.



#### General Construction Notes:

- All trees within the airspace of the Clearing Limits shown shall be clear from the site.
- All Trees shall be cut such that the remaining stump is reasonably close to the ground.
- The Contractor shall keep the site access road clear and free of debris at all times. In no event shall the Contractor block access to the Martin Fire Department Facility.

US Army Corps of Engineers Huntington District

- 4. Burning of any cleared material is strictly prohibited.
- All cleared material shall be removed from the site. On-site disposal of chipped or processed material is prohibited.
- Final Disposition of all cleared material is the responsibility of the Contractor. However, the Contractor shall submit a Disposal Plan to the Contracting Officer for approval prior to the removal of any cleared material from the sits. The Disposal Plan shall outline the disposal method and final location of all cleared material.
- approved temporary seed mixture following termination of clearing operations.
- During the performance of the work the Contractor shall follow all guidelines, rules, practices, and procedures identified in Publication FOR-69, Field Guide to Best Mangaement Practices for Timber Harvesting in Kentucky, as prepared by the Kentucky Division of Forestry and the Cooperative Extension Service.
- It is the Contractor's responsibility to acquire any permits required for the work specified herein.
- The Contractor shall provide all surveying and staking necessary to establish the Clearing Limits shown herein.
- The Contractor shall repair, restore, and clean roadways and other public facilities outside the work limits that are affected by the cleaning operation.
- All standing timber in the Clearing Limits shall be fell by 31 March 2004.
- 13. Horizontal Coordinates are expressed in feet and refer to the Kentucky State Plane Coordinates System, based upon the North American Datum of 1927. Elevation Data are expressed in feet and refer to the National Geodetic Vertical Datum of 1929.
- 14. The location of Utilities shown on this plan are shown from data available at the time of survey. The exact location and protection of existing Utilities is the responsibility of the Contractor.
- Silt Fence shall be placed at the edge of the Clearing Limits or as directed by the Contracting Officer (shown inside Clearing Limits for clarity).

Lege	Legend		
	Clearing Limits		
	Straw Bale Barrie		

Base Clearing Area				
Point No.	Northing (Y)	Easting (		
1	464368.78	2868617.8		
2	463802.64	2868853.2		
3	463679.81	2868855.6		
4	463492.46	2868681.0		
5	463387.49	2868525.2		
6	463611.92	2868412.1		
7	463698.69	2868482.6		
8	463821.62	2868436.1		
9	464033.73	2868414.6		
10	464250.94	2868503.3		

Op	Option Clearing Area				
Point No.	Northing (Y)	Easting (X)			
5	463387.49	2868525.26			
12	463350.73	2868470.69			
13	463327.72	2868341.83			
14	463266.07	2868251.82			
15	463258.97	2868142.95			
16	463331.64	2868021.56			
17	463618,73	2867903.08			
18	463766.12	2868164.30			
19	463547.76	2868360.03			
8	483811.92	2868412.16			



50' 25' 0